

## APPLICATION FOR PERMIT

## TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office..... JUL 27 1976  
 Returned to applicant for correction..... AUG 19 1976 OCT 8 1976  
 Corrected application filed..... OCT 18 1976  
 Map filed..... OCT 5 1976

The applicant United States Department of the Interior, Bureau of Reclamation  
P. O. Box 427, of Boulder City,  
 Street and No. or P.O. Box No. City or Town  
Nevada 89005, hereby make application for permission to appropriate the public  
 State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) Federal Government

1. The source of the proposed appropriation is Las Vegas Wash  
 Name of stream, lake or other source.

2. The amount of water applied for is 20 second-feet  
 One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet..... acre-feet

3. The water to be used for Water Quality Improvement (see attached statement)  
 Irrigation, power, mining, manufacturing, domestic, or other use.

4. If use is for:

(a) Irrigation (state number of acres to be irrigated) See Item 3

(b) Stockwater (state number and kinds of animals to be watered) See Item 3

(c) Other use (describe fully under "No. 12. Remarks") See Item 3

(d) Power:

(1) Horsepower developed None

(2) Point of return of water to stream Second stage product water just below diversion dam.

5. The water is to be diverted from its source at the following point: NE $\frac{1}{4}$  NE $\frac{1}{4}$ , Sec. 28, T.21S.,

R. 63E., M.D.B. & M. at a bearing of N. 25° 36' 52" W and a distance  
 Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,  
of 1590.3 feet from the quarter-section corner between Sections  
 it should be stated. 27 and 28

6. Place of use That portion of Clark County north and east of the corporate  
 Describe by legal subdivision, if on unsurveyed land it should be so stated.

limits City of Henderson as shown on attached Drawing No. 1297-D-17.

First stage evaporation pond Sec. 31, T.21S., R. 63, and Sec. 36, T.21S.,  
 JLL as per phone call

R. 62E., Second stage salinity plant; product water just below diversion  
 JLL  
dam NE $\frac{1}{4}$  NE $\frac{1}{4}$ , Sec. 28, T.21S., R. 63E.

7. Use will begin about 1 January and end about 31 December, of each year.  
 Day and Month Day and Month

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) A diversion dam will be constructed  
across Las Vegas Wash and water will be pumped from the area above  
 State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.  
the dam into a pipe system to either an evaporation pond or a  
desalting plant.

9. Estimated cost of works..... 1st stage \$32,000,000 - 2nd stage \$24,500,000
10. Estimated time required to construct works... 2 years, 9 months each stage
11. Estimated time required to complete the application to beneficial use... 30 years
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Lower Colorado Region  
Applicant.....Bureau of Reclamation.....  
Boulder City, Nevada

By s/Roy D. Gear  
Regional Director  
P. O. Box 427  
Boulder City, Nevada 89005

Compared ns/jw sk/lk

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. A suitable measuring device or devices shall be installed at a location suitable to the State Engineer. Accurate records of water diverted shall be kept. A true copy of said records shall be filed in the office of the State Engineer annually. The measuring device must be installed before any diversion of water begins and before the Proof of Completion of Work is filed.

This permit is issued for direct diversion of 20.0 c.f.s., therefore, secondary permits will not be required.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 20.0 cubic feet per second.

Actual construction work shall begin on or before March 1, 1978

Proof of commencement of work shall be filed before April 1, 1978

Work must be prosecuted with reasonable diligence and be completed on or before March 1, 1981

Proof of completion of work shall be filed before April 1, 1981

Application of water to beneficial use shall be made on or before March 1, 1985

Proof of the application of water to beneficial use shall be filed on or before April 1, 1985

Map in support of proof of beneficial use shall be filed on or before.....

Commencement of work filed APR 29 1981

Completion of work filed.....

Proof of beneficial use filed.....

Cultural map filed.....

Certificate No. .... Issued.....

Recorded..... Bk..... Page.....

County Recorder

IN TESTIMONY WHEREOF, I ROLAND D. WESTERGARD,  
State Engineer of Nevada, have hereunto set my hand and the seal of  
my office, this 1st day of April,

A.D. 19 77

CANCELLED JUL 6 1990

BECAUSE OF FAILURE  
State Engineer

APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT  
R. D. Westergard  
STATE ENGINEER

Statement Item 3

a. The water will be collected for the first stage development at the diversion dam and will be piped to a series of lined evaporation ponds. These ponds will evaporate the collected water and retain the salts. The location of the proposed facilities for the first and second stages is shown on the attached drawing No. 1297-D-17 dated May 21, 1976. When the flows exceeds 10 cubic feet per second a desalting plant is planned to accomplish the same purpose by using the evaporation ponds for the disposal of the brine and returning the product water to the Wash.

b. This application is to acquire rights to all unappropriated waters not bypassed around the Wash from the advanced wastewater treatment plant and flowing in Las Vegas Wash at the diversion dam. The purpose is to reduce the salinity of the water of Las Vegas Wash which, if allowed to return unchanged to Lake Mead, would degrade the quality of the Colorado River.

c. The main objective of this program is to improve the quality of the water flowing into the Colorado River. This work is authorized under Title II, Section 202(4) of the Colorado River Basin Salinity Control Act, Public Law 93-320.

